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FIG. 1

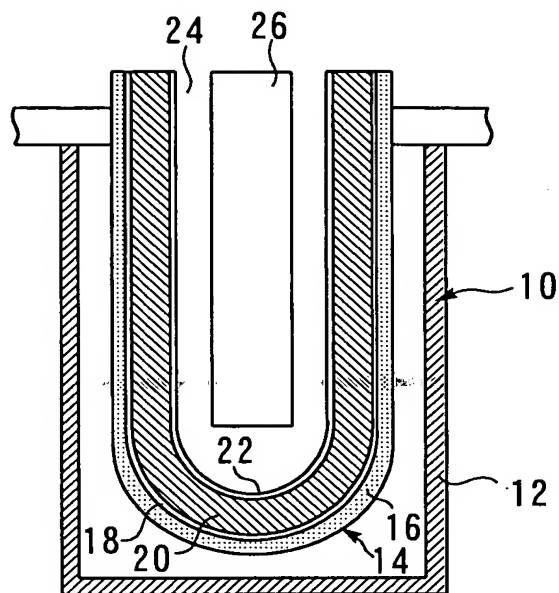
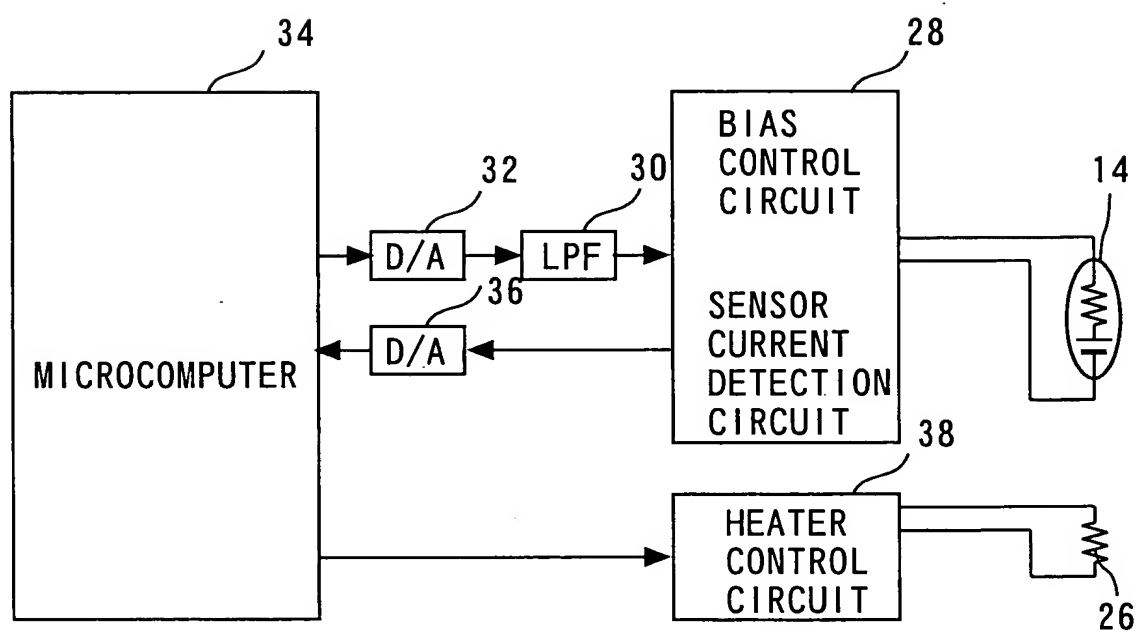
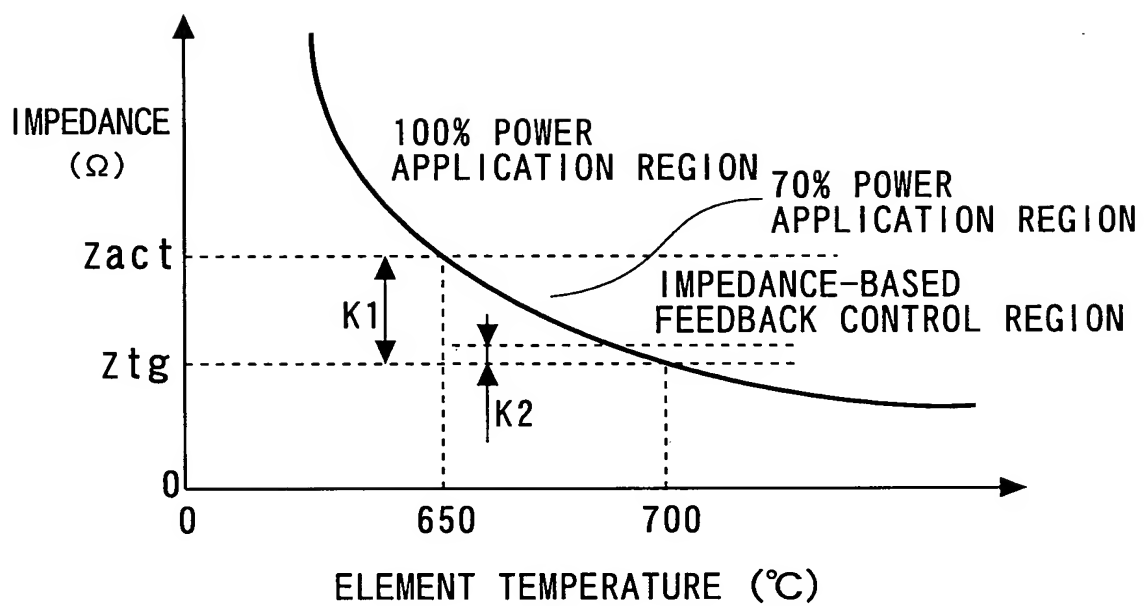


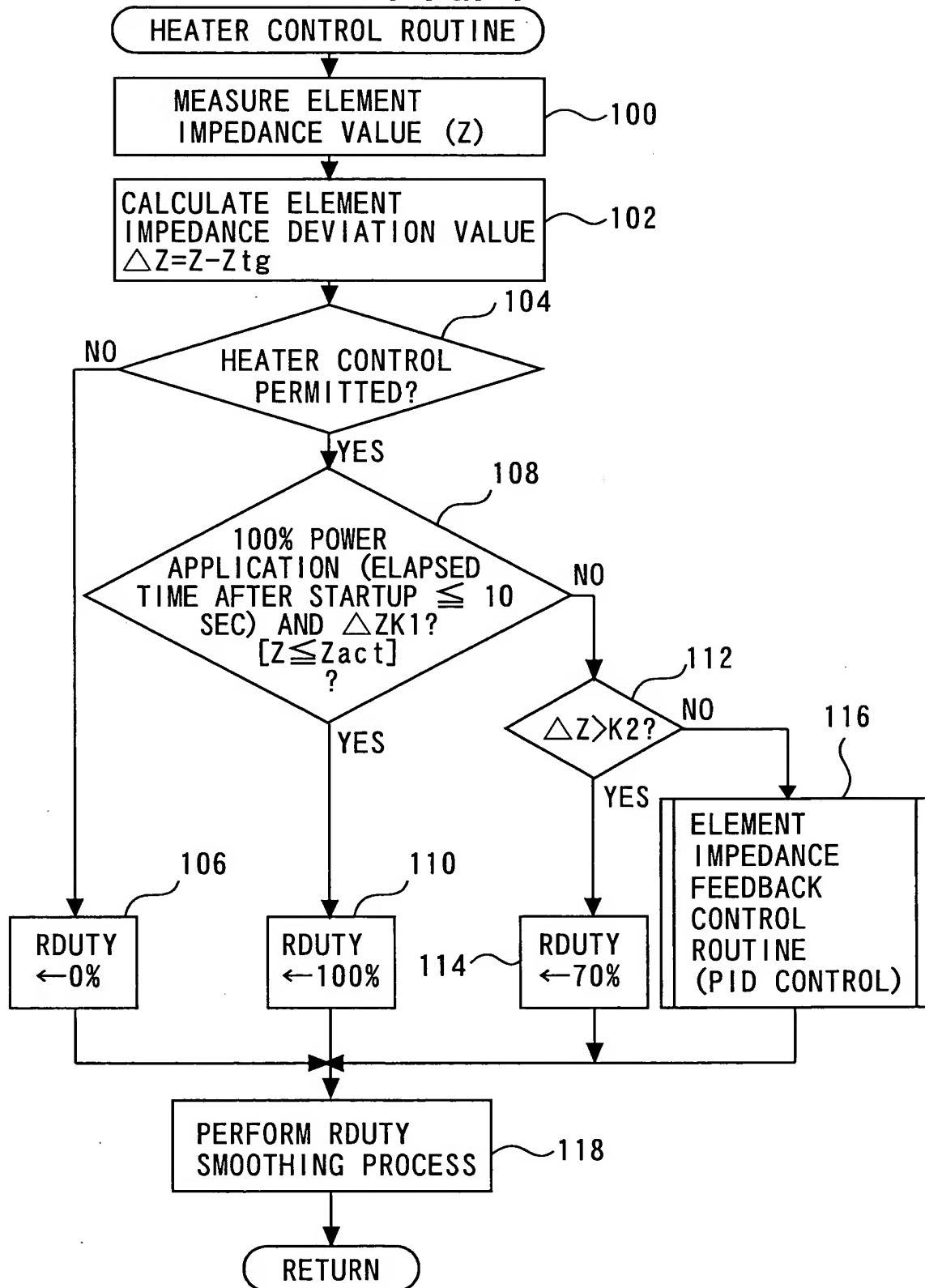
FIG. 2



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FIG. 3



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FIG. 4

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FIG. 5

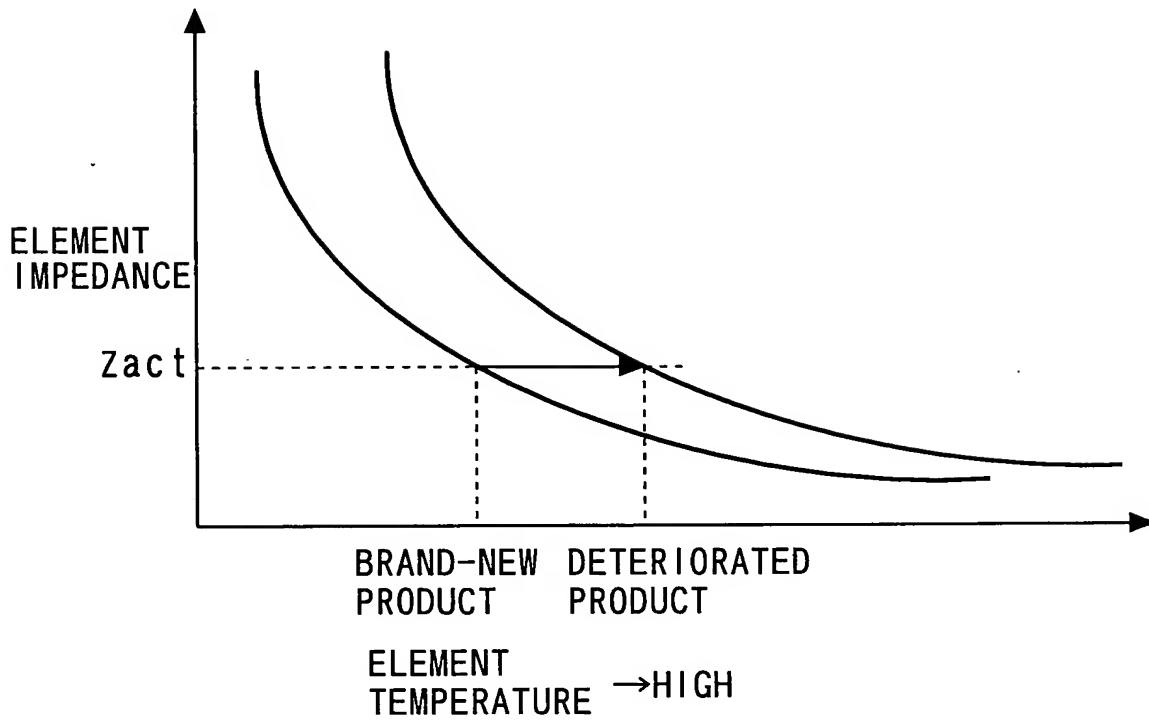
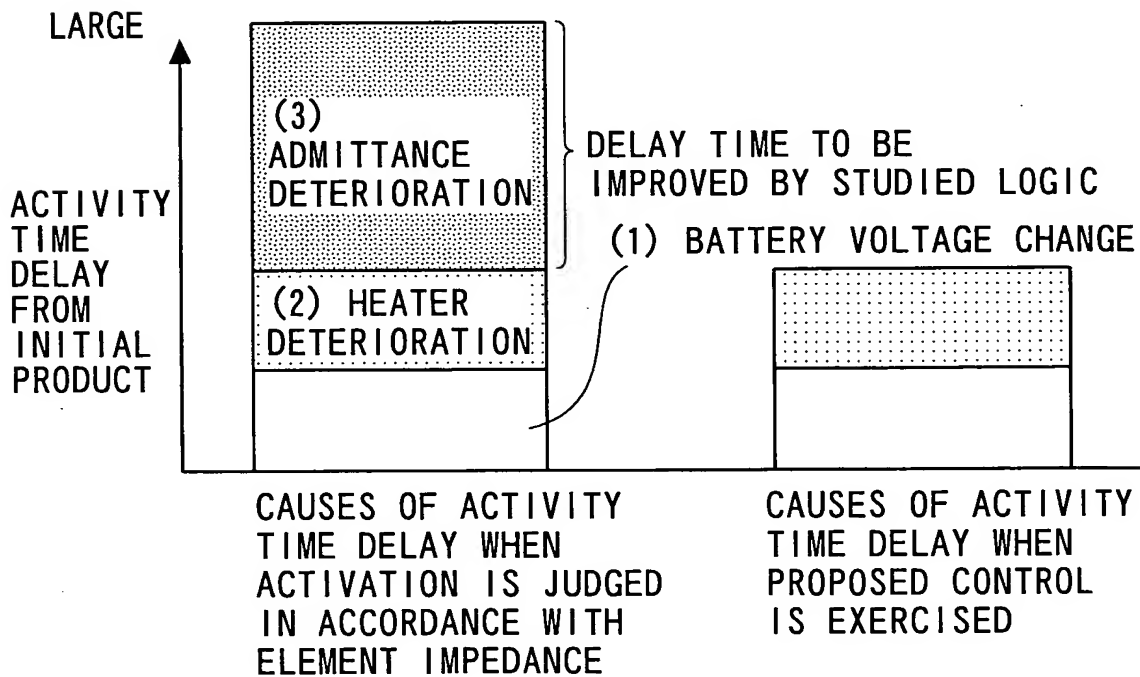
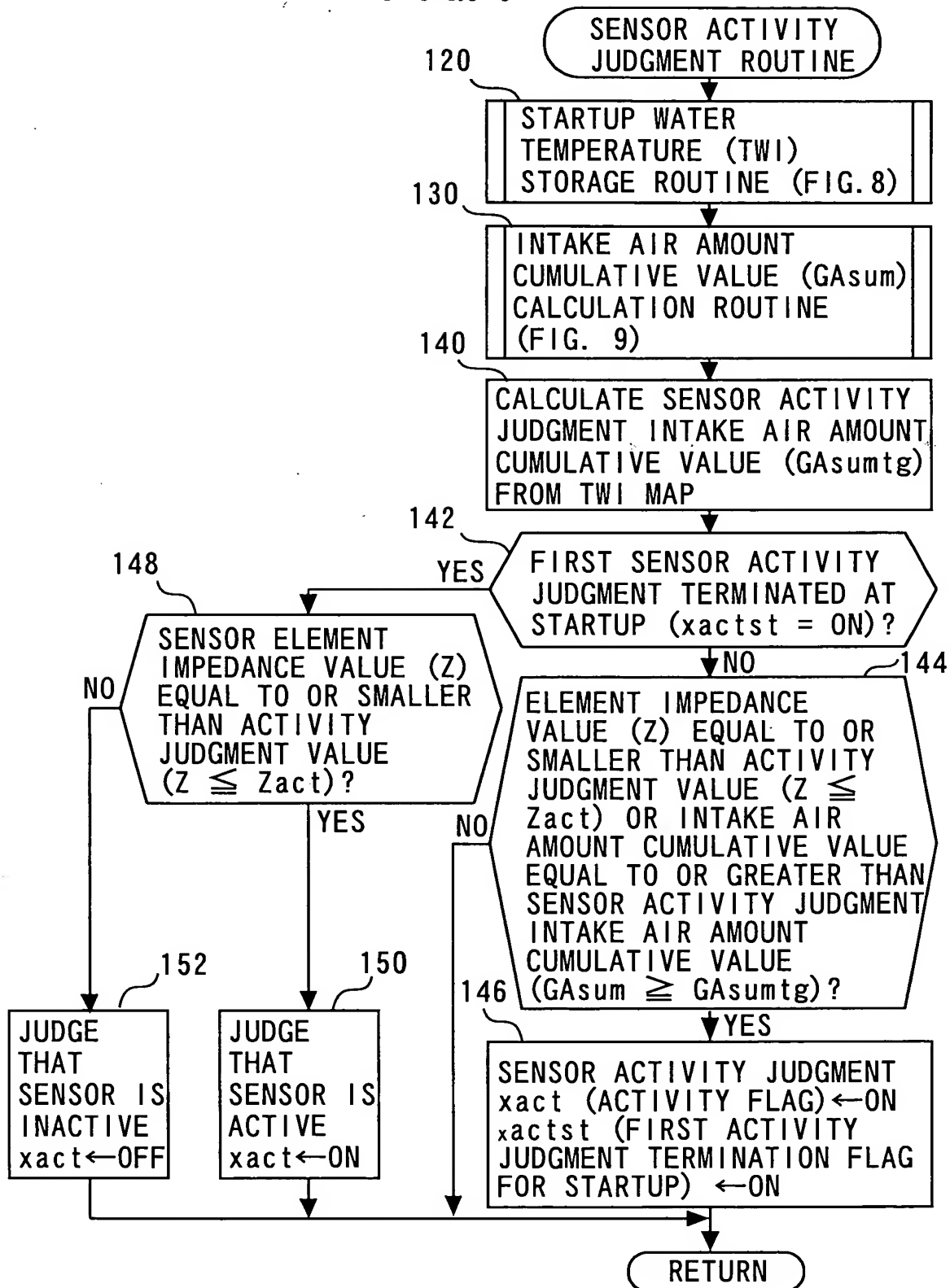


FIG. 6



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FIG. 7

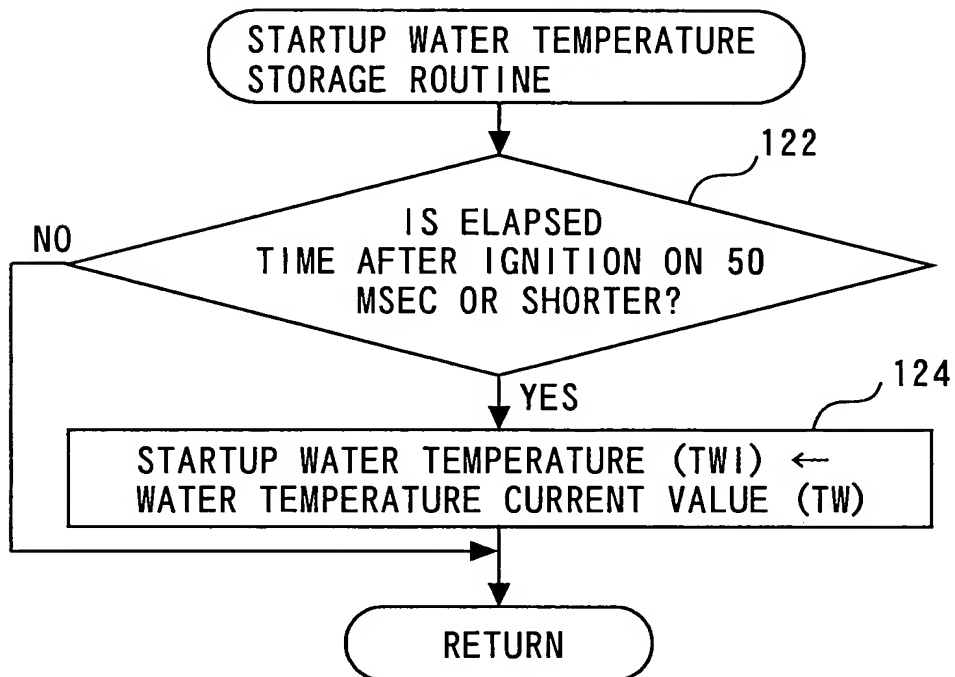
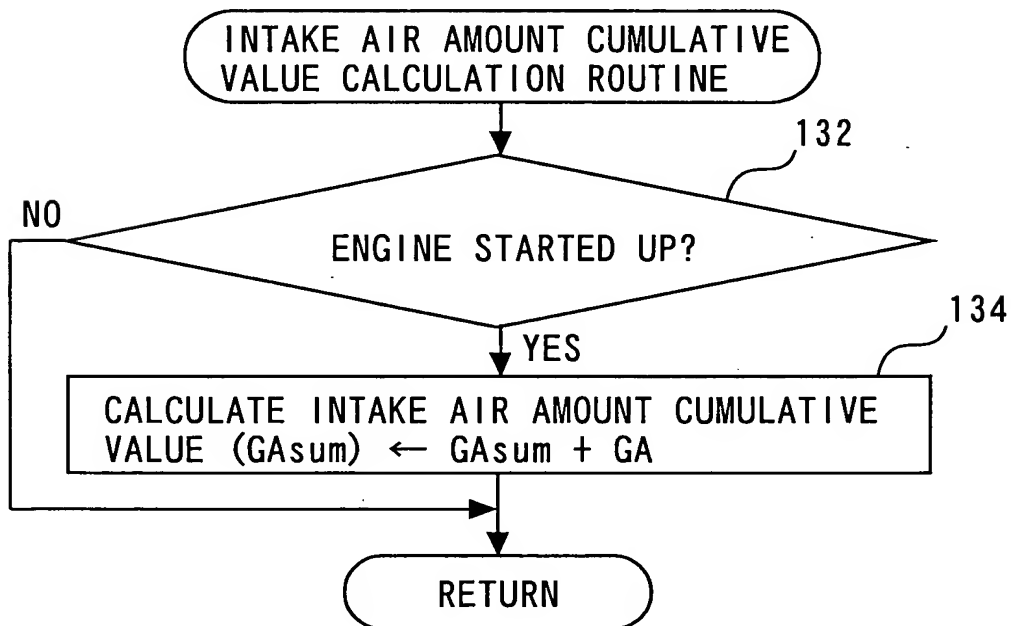
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FIG. 8

FIG. 9

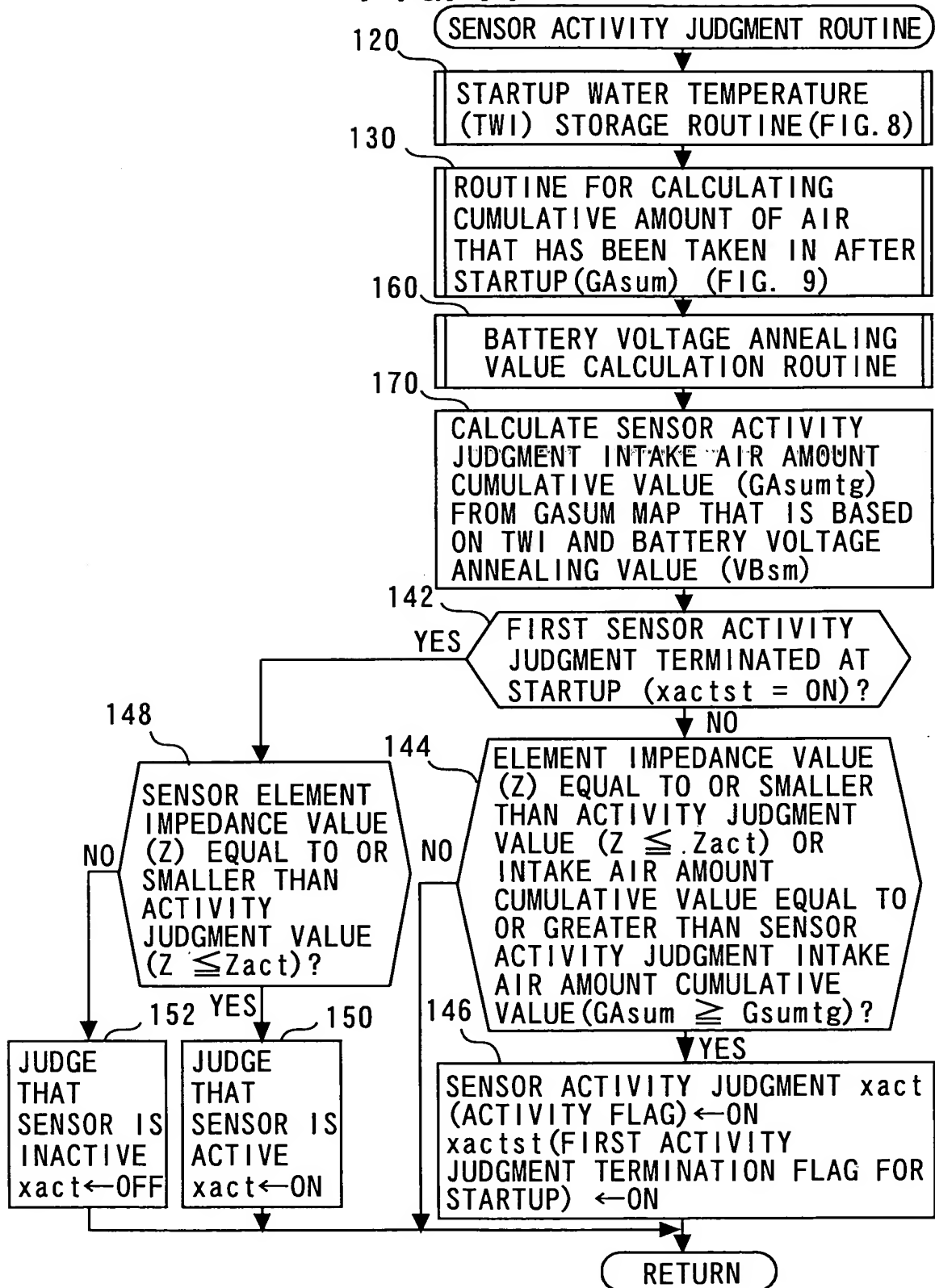


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FIG. 10

TWI-BASED GASumtg MAP

TWI [°C]	-10	25	80
GASumtg[g/sec]	10000	5000	300





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FIG. 12

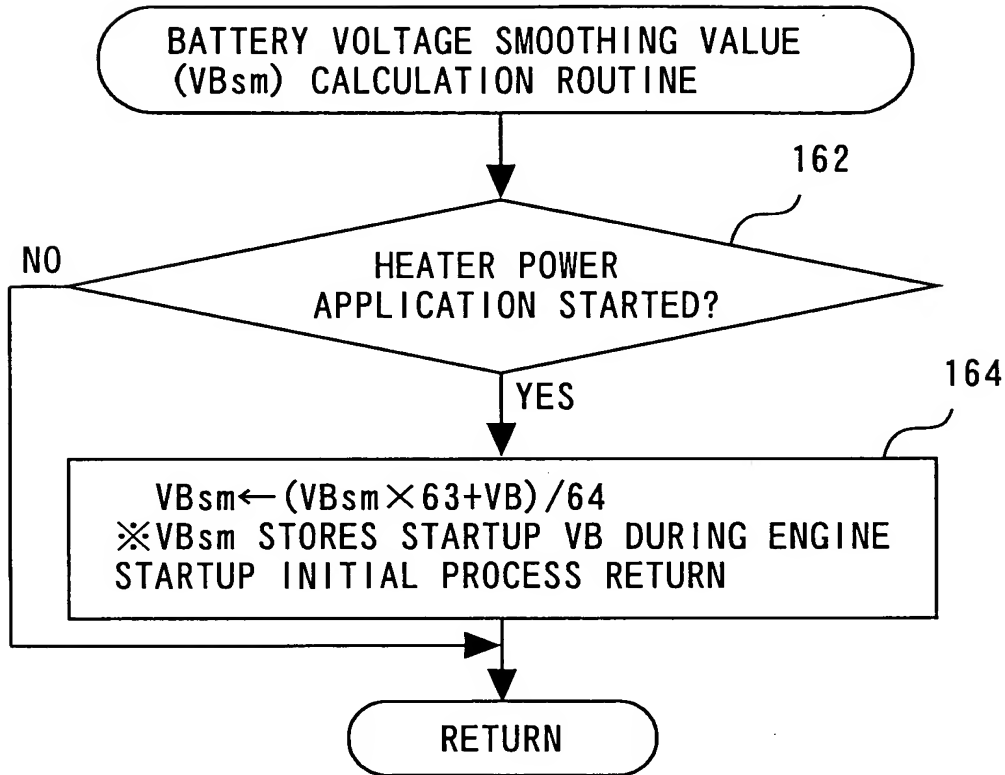


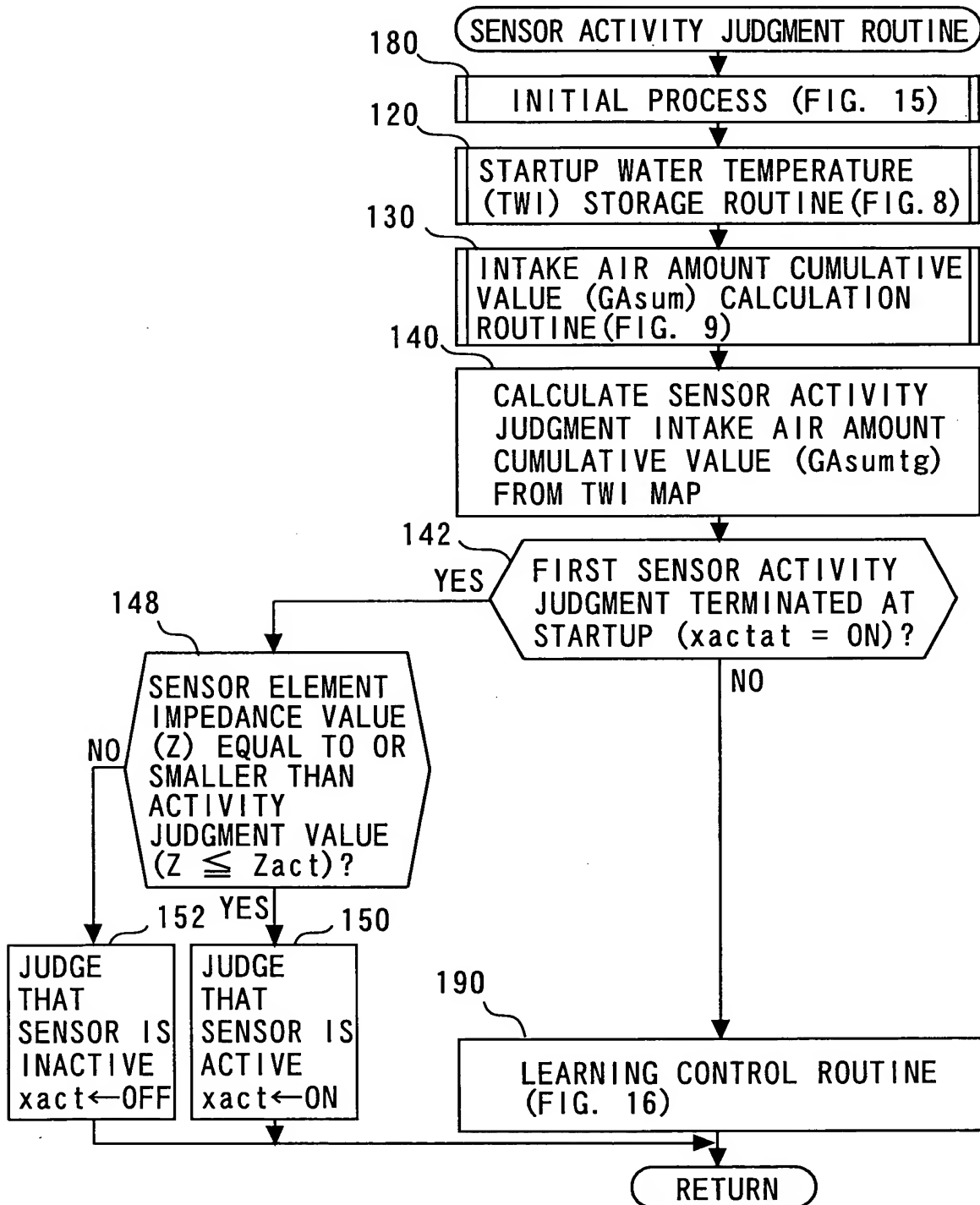
FIG. 13

GAsumtg MAP BASED ON TWI AND BVsm

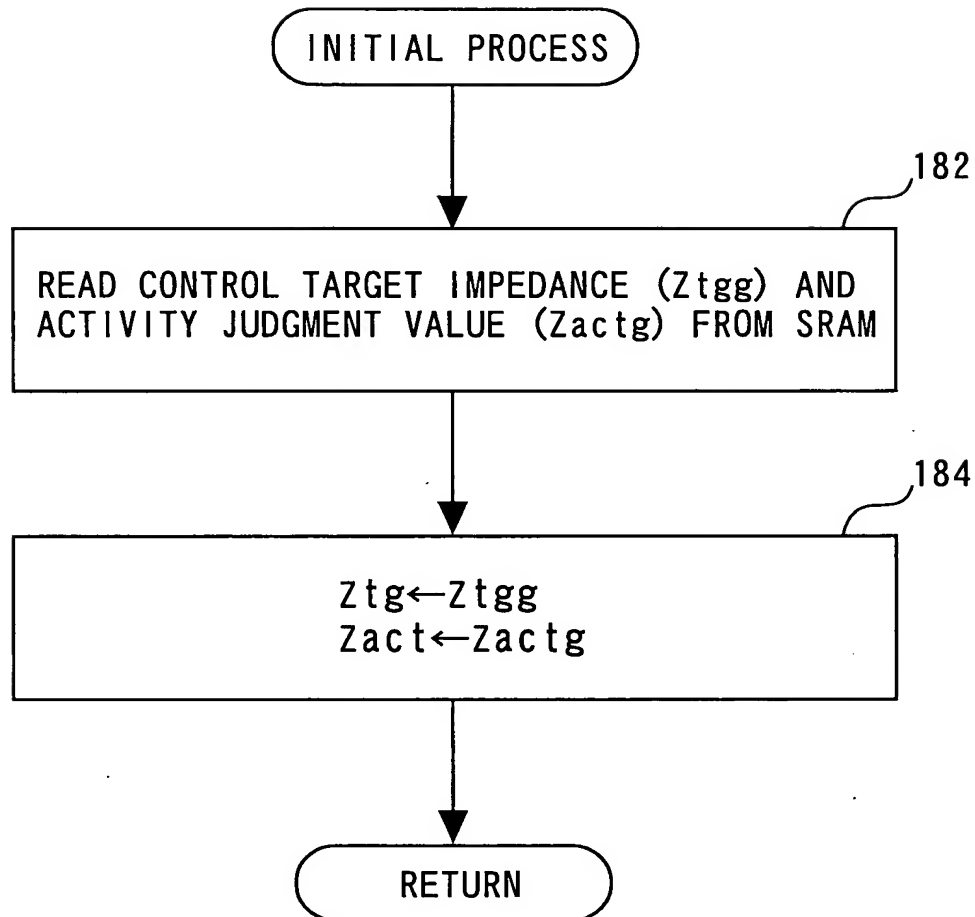
<div> <div> <div>VBsm[V]</div> <div>TWI [°C]</div> </div> </div>	-10	25	80
10	12500	7500	500
12	11000	6000	400
14	10000	5000	300

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FIG. 14

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FIG. 15



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FIG. 16

